

**IN THE CLAIMS**

1. (Currently Amended) A process for producing ~~flexible~~ polyurethane foams comprising reacting isocyanates with compounds which are reactive toward isocyanates in the presence of blowing agents and in the presence or absence of catalysts, additives and/or auxiliaries, wherein the reaction is carried out in the presence of at least one compound (i) selected from the group consisting of ~~acrylic acid, crotonic acid, isocrotonic acid, sorbic acid, cinnamic acid,~~ hydroxyethyl acrylate, 3-(acryloyl-oxy)-2-hydroxypropyl methacrylate, benzyl cinnamate, trans-3-nonen-2-one, ~~benzalacetone, dibenzalacetone, benzalacetophenone, 1-methylbenzalacetophenone, crotonaldehyde, cinnamaldehyde, methyl vinyl ketone~~ and an  $\alpha,\beta$ -unsaturated polyester diol prepared by polycondensation of maleic acid, fumaric acid, methacrylic acid or acrylic acid with oligomeric ~~polyols~~ diols having a molecular weight factor per double bond of from 150 to 3000, a functionality of from 2 to 6, a hydroxyl number of from 20 to 800 and an acid number of from 0 to 15, and combinations thereof ~~wherein the produced polyurethane foam is a flexible polyurethane foam.~~

Claims 2-3 (Cancelled).

4. (Currently Amended) A process as claimed in claim 1, wherein compound (i) is used in an amount of from 0.01 to 20% by weight, based on the weight of the ~~flexible~~ polyurethane foam.

5. (Cancelled).

6. (Currently Amended) A ~~flexible~~ polyurethane foam comprising products of the reaction of primary and/or secondary amines with at least one compound (i) selected from the group consisting of: ~~acrylic acid, crotonic acid, isocrotonic acid, sorbic acid, cinnamic acid,~~ hydroxyethyl acrylate, 3-(acryloyl-oxy)-2-hydroxypropyl methacrylate, benzyl cinnamate, trans-3-nonen-2-one, ~~benzalacetone, dibenzalacetone, benzalacetophenone, 1-~~

~~methylbenzalacetophenone, crotonaldehyde, cinnamaldehyde, methyl vinyl ketone and an  $\alpha,\beta$ -unsaturated polyester diol prepared by polycondensation of maleic acid, methacrylic acid or acrylic acid with oligomeric polyols~~ diols having a molecular weight factor per double bond of from 150 to 3000, a functionality of from 2 to 6, a hydroxyl number of from 20 to 800 and an acid number of from 0 to 15, and combinations thereof; ~~wherein the polyurethane foam is a flexible polyurethane foam.~~

Please add the following new claims:

7. (New) A process for producing polyurethane foams as set forth in claim 1 wherein the oligomeric polyols are selected from the group of butanediol, diethylene glycol, propylene glycol, 1,2-propanediol, glycerol, and combinations thereof.

8. (New) A polyurethane foam as set forth in claim 6 wherein said oligomeric polyols are selected from the group of butanediol, diethylene glycol, propylene glycol, 1,2-propanediol, glycerol, and combinations thereof.

9. (New) An article selected from the group of upholstery, a foam backing for carpets, a mattress, a foam backing for an instrument panel, a steering wheel, a shoe sole, and combinations thereof formed from said polyurethane foam as set forth in claim 6.